[*English*]

Potentials for Alternative Sources of Energy

1714. SHRI GEORGE FERNANDES: Will the Minister of POWER AND NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the names of States and Union Territories in which potential for alternative sources of energy through solar heating, wind power and tidal power generation have been identified; and

(b) the quantum of power presently generated through each of these alternative sources, State-Wise?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALPNATH RAI): (a) No exhaustive survey of States and Union Territories have been yet carried out for identifying potential for alternative sources of energy through solar heating, wind power and tidal power generation. However, on the basis of a limited Wind Resource Assessment Programme undertaken by the Department, the States of Tamil Nadu, Gujarat, Maharashtra, Andhra Pradesh, Karnataka and Kerala have been found to have favourable potential for setting up Wind Power Projects.

(b) The installed capacity in each of these alternative sources state-wise are as follows:-

Tidal = Nil

Solar Heating = Haryana - 50 KW

Wind

Name of the States	*Installed Capacity (MW)*
Tamil Nadu	19.24
Gujarat	14.19
Maharashtra	1.19
Orissa	1.19
Madhya Pradesh	0.64
Andhra Pradesh	0.55
Karnataka	0.55
Goa0.11	
Kerala	0.10